

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
13 October 2005 (13.10.2005)

PCT

(10) International Publication Number  
**WO 2005/094169 A2**

(51) International Patent Classification: Not classified

(21) International Application Number:  
PCT/IL.2005/000029

(22) International Filing Date: 9 January 2005 (09.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/558,100 1 April 2004 (01.04.2004) US

(71) Applicant (for all designated States except US): PALRIG  
NAOT AGRICULTURAL COOPERATIVE SOCIETY  
FOR BUSINESS LTD. [IL/IL]; Kibbutz Naot Mordechai,  
Upper Galilee, 12120 Mobile Post (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): SHACHAM, Shi-  
mon [IL/IL]; 15241 Kfar-Tavor (IL). GOLDBART, John

Lewis [IL/IL]; Kibbutz Naot Mordechai, Upper Galilee,  
12120 Mobile Post (IL). SOKER, Jacob [IL/IL]; 25147  
Kfar-Vradim (IL).

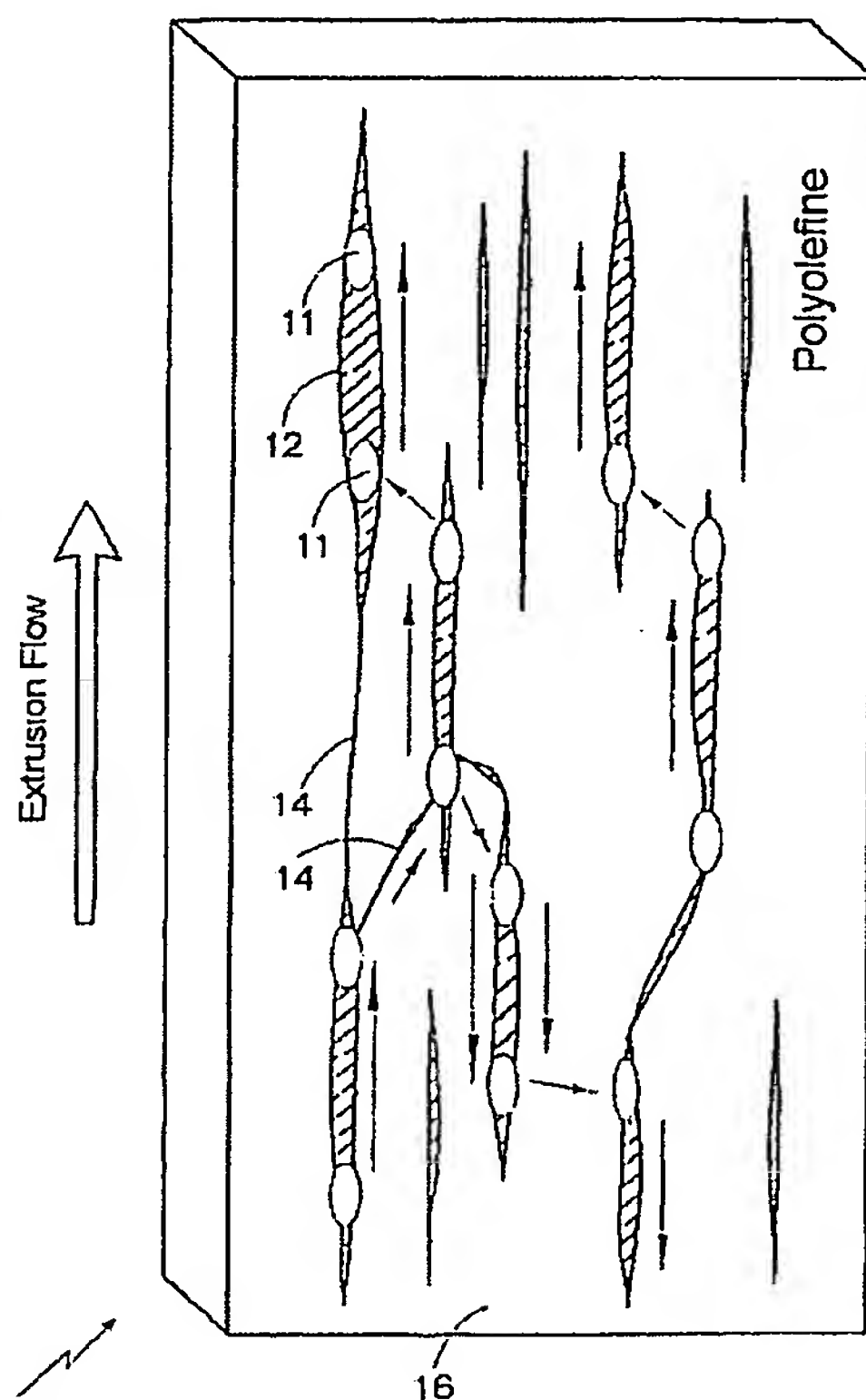
(74) Agent: MILLER - SIERADZKI, ADVOCATES &  
PATENT ATTORNEYS; P.O.B. 6145, 31061 Haifa (IL).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,  
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,  
ZM, ZW

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

[Continued on next page]

(54) Title: ANTISTATIC DISSIPATIVE FLEXIBLE INTERMEDIATE BULK CONTAINER



(57) Abstract: A flexible intermediate bulk container, comprising a flexible bag made of an antistatic fabric comprising electrically non-conducting warp and weft yarns and a plurality of conductive dissipative fibers intersectingly woven into the antistatic fabric. The conductive dissipative fibers comprise Polyolefine with a Polyether-Block-Polyolefine-Copolymer additive. The Polyether-Block-Polyolefine-Copolymer comprises connected or nearly-connected conductive channels at, or near, external surface of the fibers, and wherein the bag is provided with an antistatic dissipative membrane. The bag may be grounded or ungrounded and exhibit corona discharge.

WO 2005/094169 A2



ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

- *without international search report and to be republished upon receipt of that report*